Bang&Olufsen

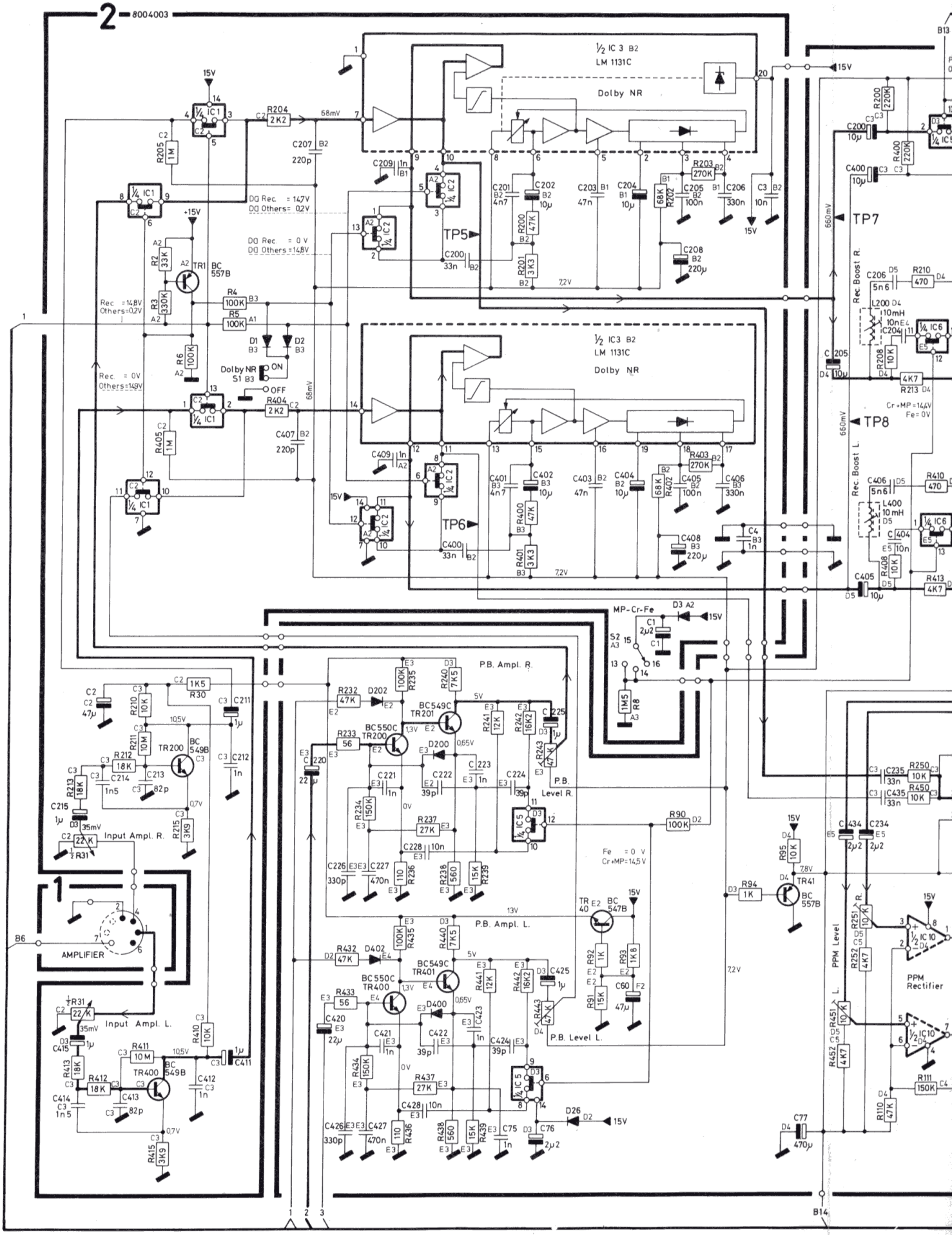
BEOCORD 2000

Type 2921-2922-2923-2925

SERVICEANLEITUNG
MANUEL d'ENTRETIEN

1-4

DIAGRAM A


2 8004003
½ IC 3 B2
LM 1131C
Dolby NR
15V
68mV
R204 2K2
R205 1M
C207 220p
C209 1n
R203 270K
C201 4n7
C202 10µ
C203 47n
C204 10µ
C205 100n
C206 330n
C3 10n
R200 47K
R201 3K3
C200 33n
C208 220µ
7,2V
TP5
TP6
TP7
TP8
DO Rec. = 14,7V
DO Others= 0,2V
DO Rec. = 0 V
DO Others =14,8V
Rec. =14,8V
Others=0,2V
Rec. = 0V
Others=14,9V
TR1 BC 557B
R2 33K
R3 330K
R4 100K
R5 100K
R6 100K
D1
D2
Dolby NR S1
ON
OFF
R404 2K2
R405 1M
C407 220p
C409 1n
R403 270K
C401 4n7
C402 10µ
C403 47n
C404 10µ
C405 100n
C406 330n
R400 47K
R401 3K3
C400 33n
C408 220µ
C4 1n
R200 220K
C200 10µ
R400 220K
C400 10µ
Rec. Boost R.
Rec. Boost L.
C206 5n6
R210 470
L200 10mH
C204 10n
R208 10K
C205 10µ
R213 4K7
Cr+MP=14,4V
Fe= 0V
C406 5n6
R410 470
L400 10 mH
C404 10n
R408 10K
C405 10µ
R413 4K7
MP-Cr-Fe
D3 A2
S2 A3
C1 2µ2
R8 1M5
P.B. Ampl. R.
P.B. Ampl. L.
P.B. Level R.
P.B. Level L.
R232 47K
D202
TR201 BC549C
TR200 BC550C
R233 56
R234 150K
R235 100K
R240 7K5
R241 12K
R242 16K2
R243 47K
C225 1µ
C220 22µ
D200
C221 1n
C222 39p
C223 1n
C224 39p
R237 27K
C228 10n
R236 110
R238 560
R239 15K
C226 330p
C227 470n
R90 100K
R30 1K5
C210 10K
C211 1µ
C212 1n
C213 82p
C214 1n5
R211 10M
R212 18K
R213 18K
R215 3K9
C215 1µ
Input Ampl. R.
R31 22K
AMPLIFIER
B6
R432 47K
D402
TR401 BC549C
TR400 BC550C
R433 56
R434 150K
R435 100K
R440 7K5
R441 12K
R442 16K2
R443 47K
C425 1µ
C420 22µ
D400
C421 1n
C422 39p
C423 1n
C424 39p
R437 27K
C428 10n
R436 110
R438 560
R439 15K
C426 330p
C427 470n
C75 1n
C76 2µ2
D26
TR 40 BC 547B
R92 1K
R93 1K8
R91 15K
C60 47µ
R94 1K
TR41 BC 557B
R95 10K
C434 2µ2
C234 2µ2
C77 470µ
R110 47K
R111 150K
C235 33n
R250 10K
C435 33n
R450 10K
R251 10K
R252 4K7
R451 10K
R452 4K7
PPM Level
PPM Rectifier
IC 10
IC 5
IC 6
Fe = 0 V
Cr+MP=14,5 V
Input Ampl. L.
R411 10 M
TR400 BC 549B
R412 18 K
R413 18K
C414 1n 5
C413 82p
C412 1n
C411 1µ
R410 10K
R415 3K9
C415 1µ
35mV
0,7V
10,5V
1,3V
0,65V
0V
B13
B14

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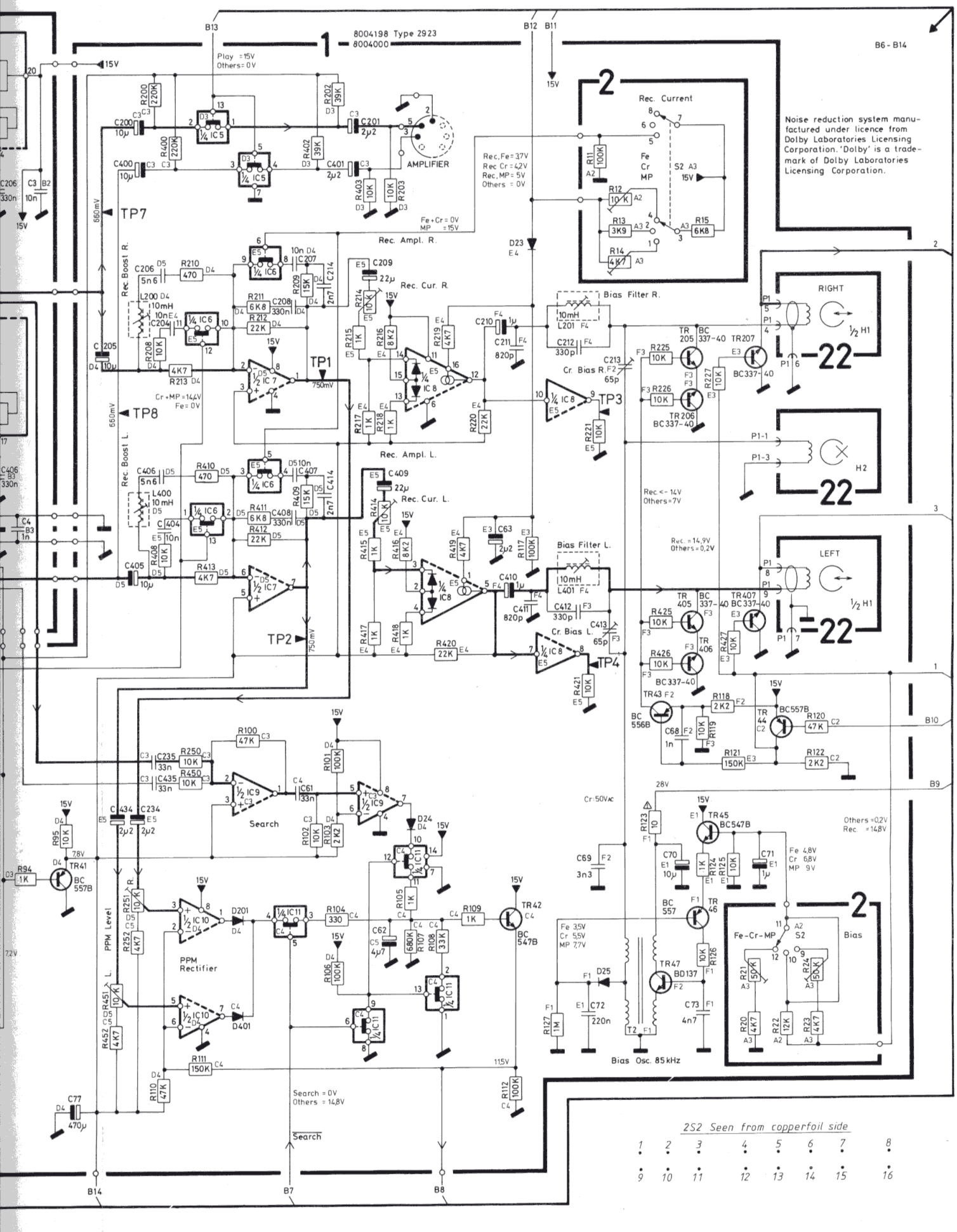

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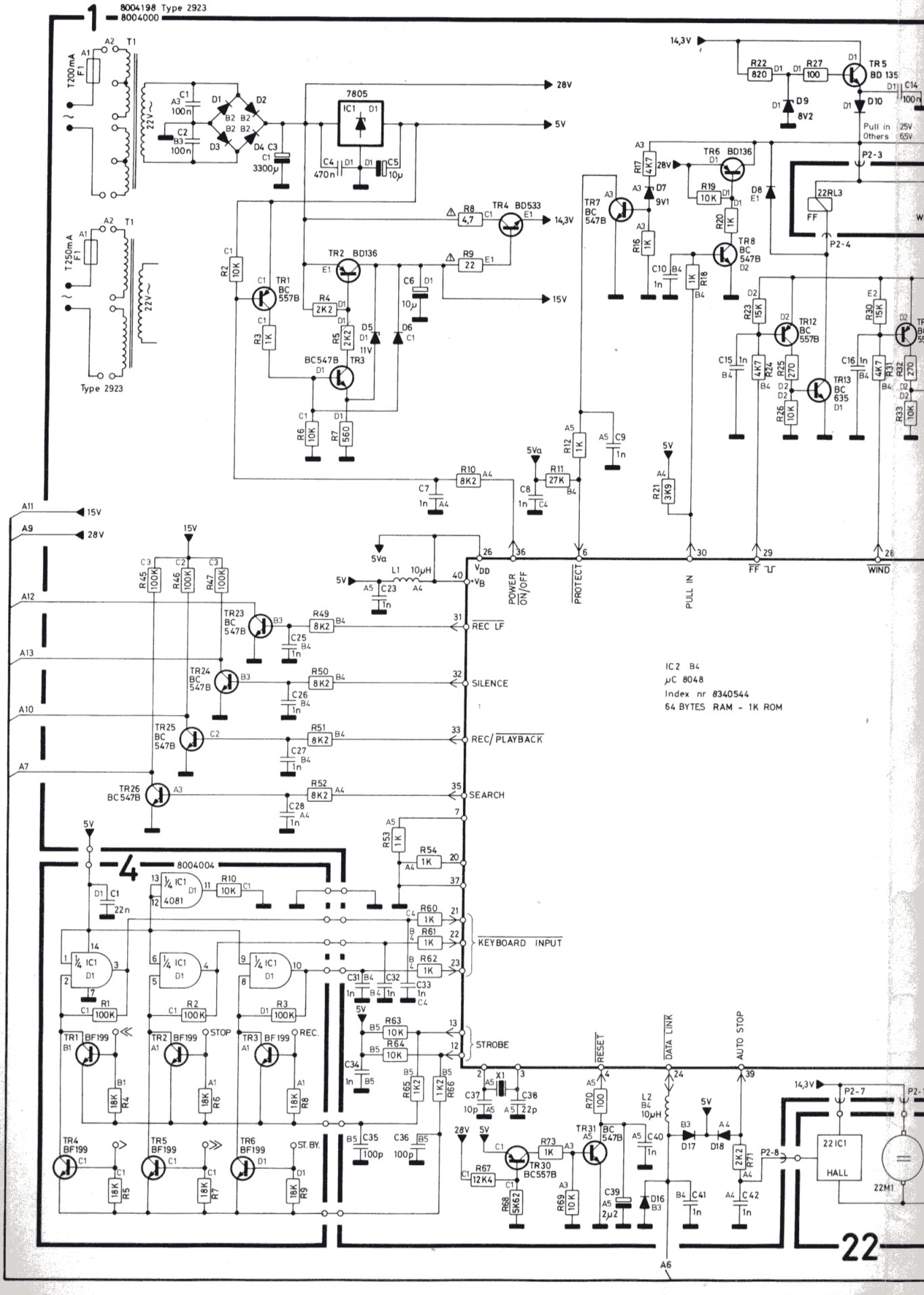
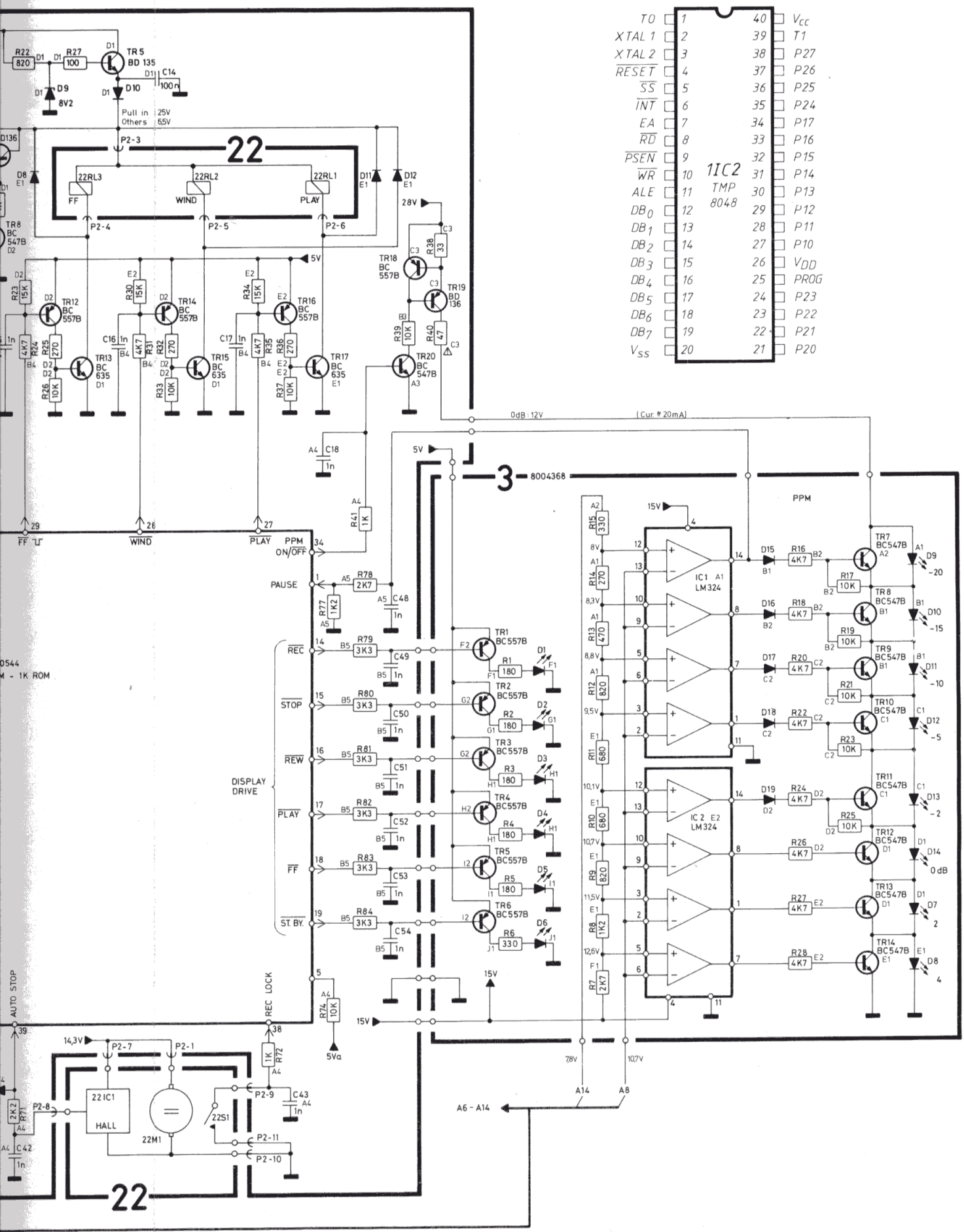
DIAGRAM B




1IC2
TMP
8048
TO
XTAL 1
XTAL 2
RESET
SS
INT
EA
RD
PSEN
WR
ALE
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
Vss
Vcc
T1
P27
P26
P25
P24
P17
P16
P15
P14
P13
P12
P11
P10
VDD
PROG
P23
P22
P21
P20
22
3
8004368
PPM
DISPLAY DRIVE
IC1 A1 LM324
IC2 E2 LM324
22 IC1 HALL
22M1
22S1
0dB : 12V
(Cur. = 20mA)
FF
WIND
PLAY
PAUSE
REC
STOP
REW
PLAY
FF
ST BY
AUTO STOP
REC LOCK
A6 - A14